# A more versatile version of Trendmaster® 2000 for Windows is available

by Jim Adams

Project Applications Engineer
Bently Nevada Corporation
e-mail: jim.adams@bently.com



Figure 1. Enhanced toolbar, which allows easier access to machinery data.

Trendmaster® 2000 for Windows is a networkable system for efficient management of noncritical machinery. In today's competitive global economy, companies are learning to work more efficiently and with a reduced workforce. Trendmaster 2000 helps. As an online system, it can eliminate the time-consuming task of manual data collection and provide access to detailed, current machinery condition and trend data.

## Easier to use

We've improved Trendmaster 2000 Software in numerous ways with release 2.0.

### Enhanced tool bar

This new version of Trendmaster 2000 Software makes it even easier to access machinery data by providing shortcuts on the toolbar. The user interface is more intuitive and is consistent with current Windows user interface conventions. Many new icons have been added to the Plot Select Screen. No need to remember what plot formats are available; clicking on an icon immediately opens your choice of the following screens:

- Acceptance Region
- Alarm List
- Current Values
- Dynamic Source Select
- Full Spectrum
- Full Waterfall
- Group Display
- Half Spectrum
- Half Waterfall
- Multivariable Trend
- Orbit / Timebase
- Point Display
- Shaft Centerline
- System List
- Timebase
- Trend
- Trend Source (Trend timespan select)

### Improved navigation from the Alarm List

You can also select the Alarm List as your startup screen. Double-clicking on an entry of the alarm list immediately displays that point's trend plot, which shows what happened prior to the alarm. This feature allows you to quickly access an earlier screen without going through intermediate screens.

### Improved visibility of all configured variables for each point

You can expand the Point Variable Display to include all of its configured variables.

### Improved ease of plot re-scaling

It's also easy to zoom in on a Trend, Full Spectrum, Half Spectrum, or Timebase plot, so you can view plots in more detail. Just use the "rubber band" feature to select an area (Figure 2), and you'll immediately zoom in on the data.

### Improved cursor capabilities

Two cursors have been added to the Timebase plot, so it's easy to determine the time and amplitude difference between any two points. This feature is useful for amplitude and frequency determination. Pressing the right mouse key anchors the cursor. Moving the mouse to the next point of interest and pressing the left mouse key displays the time and amplitude.

### Simultaneous display of multivariable trends

A Multivariable Trend plot now allows you to compare multiple points over the same timespan. This important feature allows you to correlate changes in various parameters, such as vibration and temperature. It significantly improves your ability to determine cause/effect relationships.

### Additional shortcut features

Advanced users will appreciate new features that let them work faster and
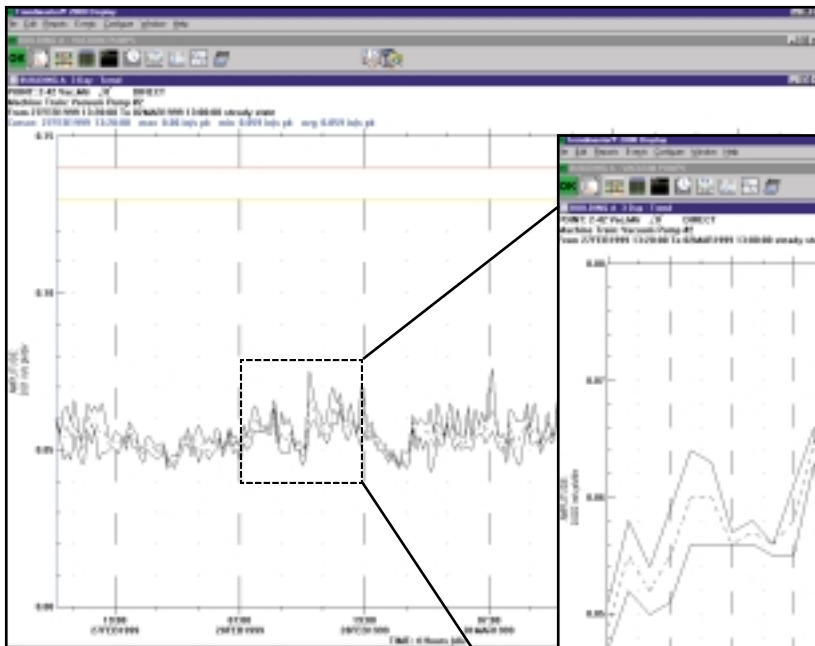
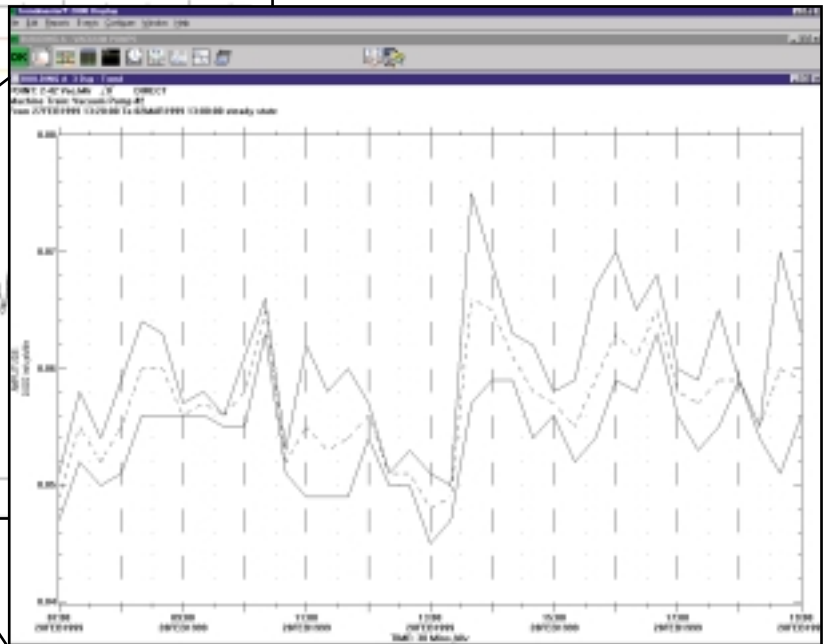Figure 2a. Trend plot with area of interest enclosed by rubber band box.



Figure 2b. Trend plot zoomed in on area contained in rubber band box.

more efficiently. These include:

1. Pressing the **Ctrl** Key and selecting the Trend, Acceptance Region, or Shaft Centerline plot icon displays a tabular list of the values in the plot rather than a graphical display of the plot.

2. A right mouse click over the icon of a plot that is being displayed will open the manual scale config- uration for the plot.

3. Point Configuration now has a list box (Figure 3) that indicates the point names and activity of all the points connected to a selected Signal Processing Adaptor (SPA) line. This list can be sorted, based upon Active, Inactive, and Not- Configured status.
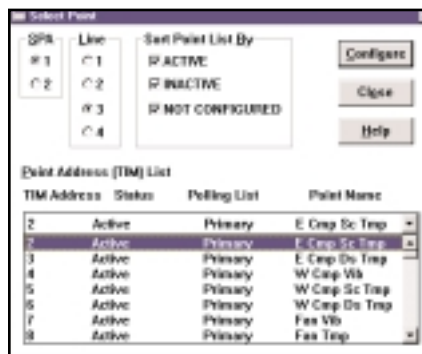
## More value with a Software Support Plan

If you are an existing user of Trendmaster® 2000, there's more good news: Version 2.0 is available to you at



Figure 3. The Point Configuration feature allows you to sort points on a SPA line, and by activity.

`no charge`. This is one of the key ben- efits of the six-month introductory Trendmaster 2000 Technical Support Plan, which you should have already received. It's our way of showing you the value you can receive from our software Technical Support Plans; you'll receive several updates each

year in addition to technical support. So, even if you don't need technical assistance installing or operating the software, you'll still get tremendous value from our support plans.

For more information on this new version of Trendmaster 2000 Software, contact your nearest Bently Nevada sales professional. ↺